Distributed Virtual SAN Infrastructure

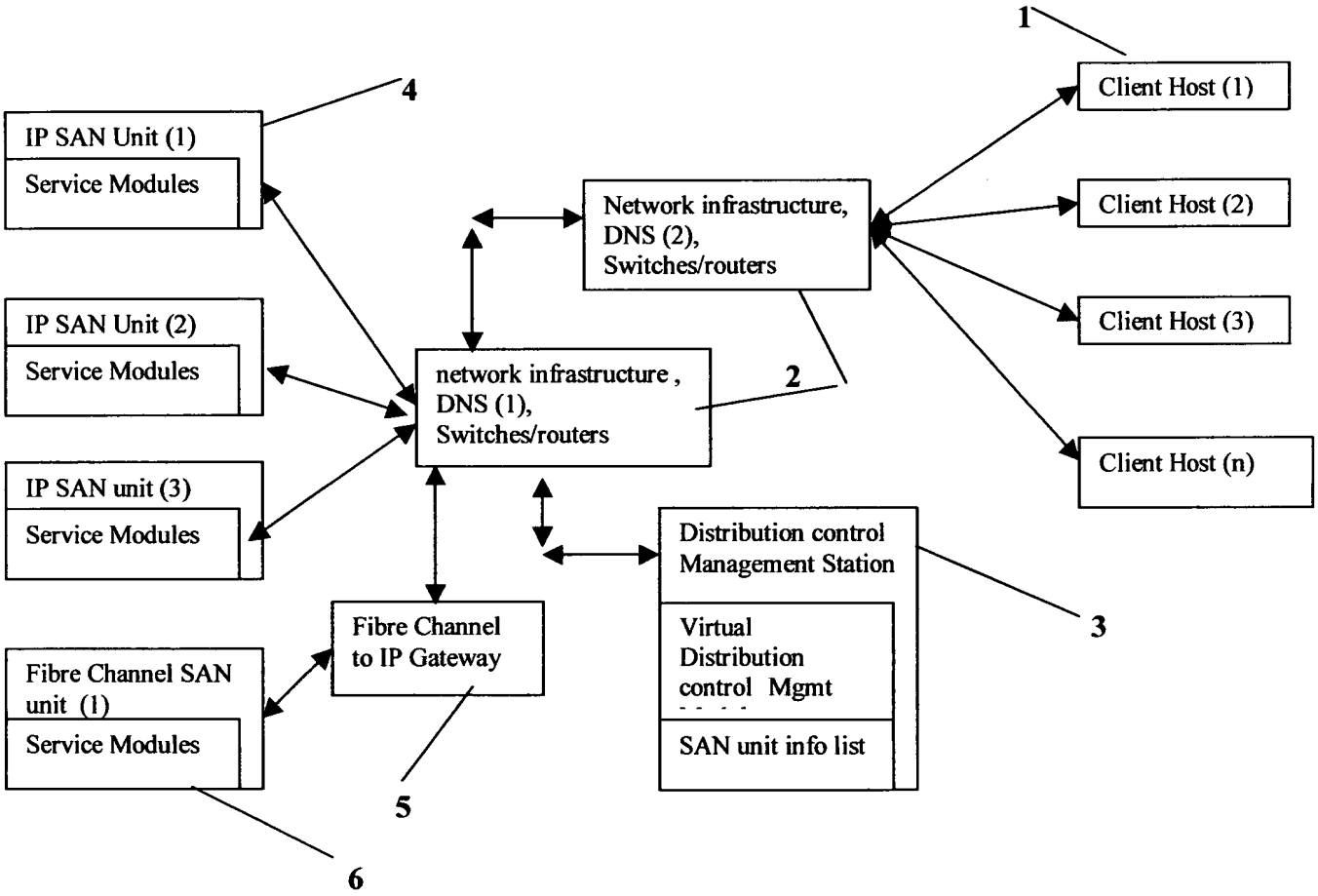

Fig. 1

The Components of Distributed Virtual SAN

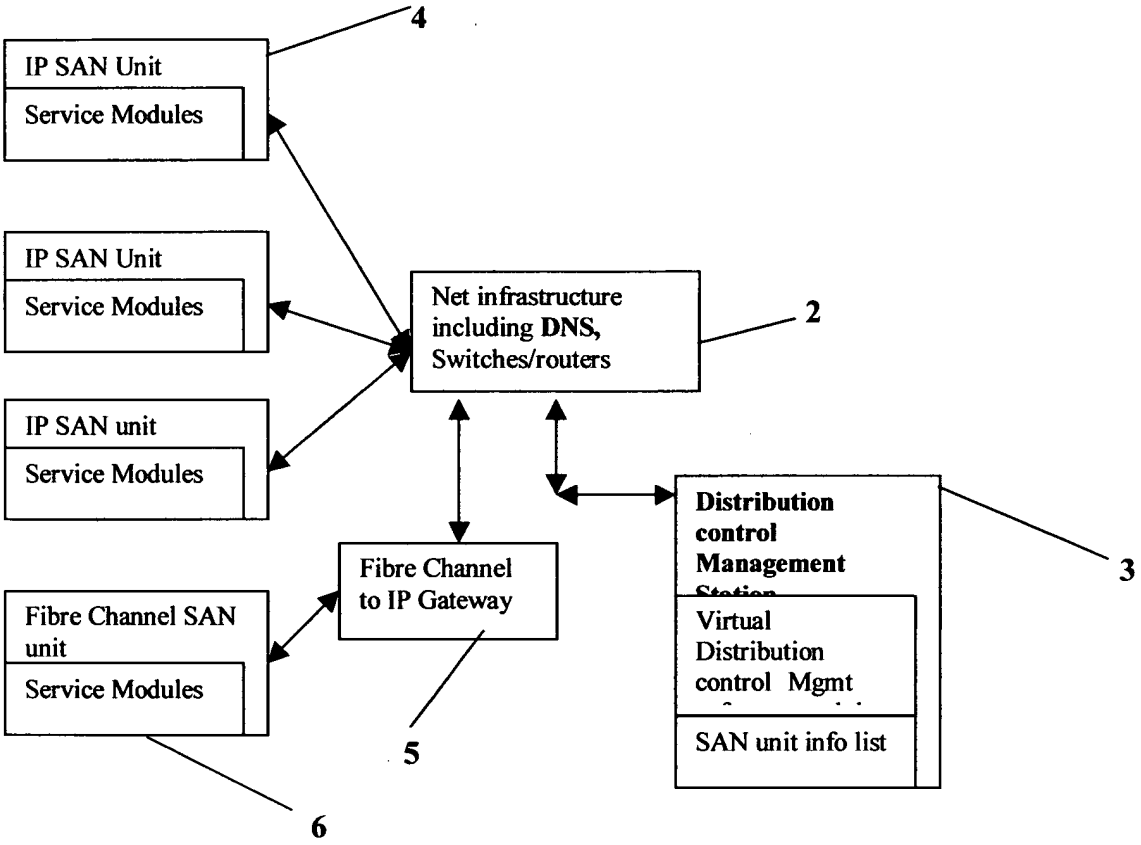

Fig. 2

Virtual SAN Automatic Configuration Protocol

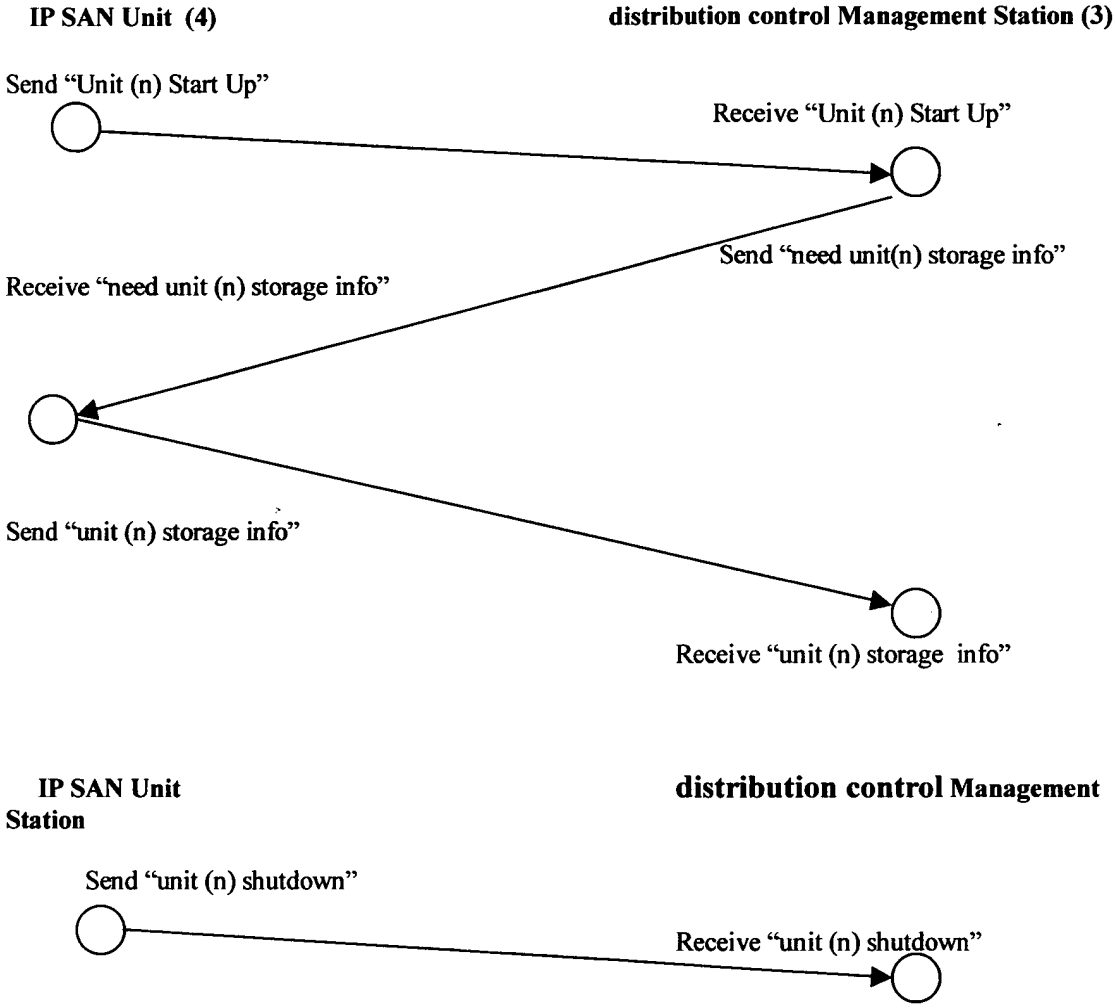

Fig. 3

The UDP packet format used by "Virtual SAN Auto Configuration Protocol"

Source IP address
Destination IP address
Source port
Destination port
Message Type
Data Length
Data Area

Fig. 4

Example of Storage Volume Information of an IP SAN Unit

IP SAN Unit

Volume 1			
P1	P2	P3	P3
Volume 2			
Volume 3			
Volume 4			

Note: Each v lume may further be partitioned into small chunk of partiti n.

Fig. 5

A Hypothetical Example of Storage Volume Requests and Assignments

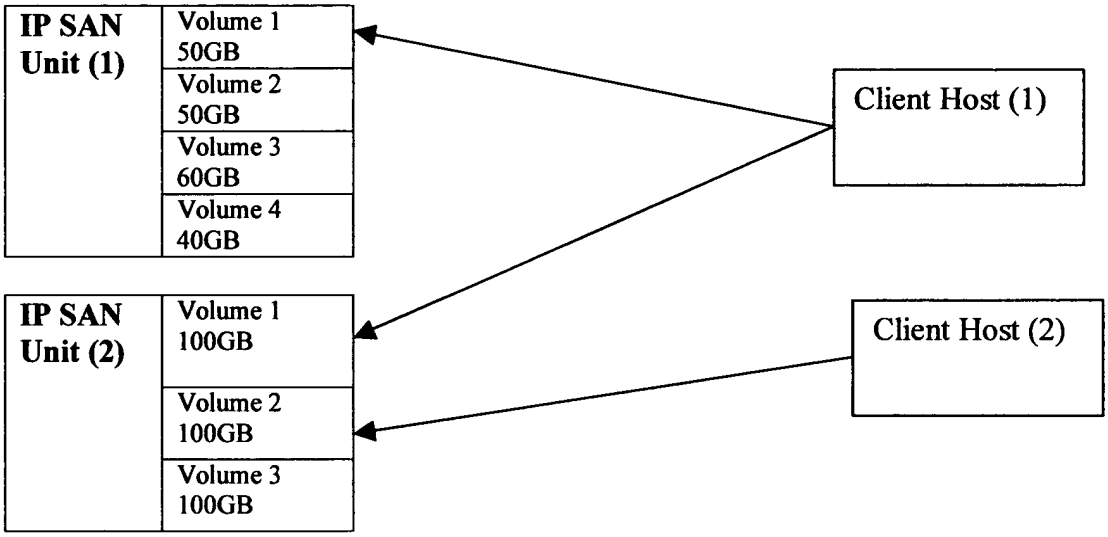

Fig. 6